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## Assessment of human pluripotent stem cells with PluriTest

**Journal:**

**Publication Year:** 2008

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**PubMed link:** 23658970

**Funding Grants:** TSRI Center for hESC Research, The Stem Cell Matrix: a map of the molecular pathways that define pluripotent cells, Ensuring the safety of cell therapy: a quality control pipeline for cell purification and validation, Collaborative Laboratory for Human Embryonic Stem Cell Research at Sanford-Burnham Medical Research Institute

**Public Summary:**

Assessing pluripotency in human cells is inherently an intractable problem. We have developed a bioinformatic method to analyze transcriptome data to determine whether human cells are pluripotent

**Scientific Abstract:**

Assessing pluripotency in human cells is inherently an intractable problem. In animal systems, pluripotency can be verified through direct means: pluripotent stem cells can be introduced into a developing embryo and thus the cellular developmental potential of any given in vitro preparation can be directly determined by observing the amount of chimaerism or viability of organisms partially or fully derived from in vitro stem cells (Nagy, Rossant et al., 1993).

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